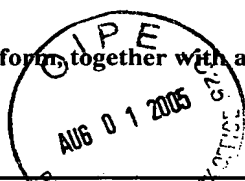


## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: MailMail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence, including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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20987 7590 05/06/2005  
VOLENTINE FRANCOS & WHITT, P.L.L.C.  
ONE FREEDOM SQUARE  
11951 FREEDOM DRIVE, SUITE 1260  
RESTON, VA 20190

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08/02/2005 HBEYENE2 00000111 10698383

01 FC:1501 1400.00 OP  
02 FC:1504 300.00 OP  
03 FC:8001 12.00 OP

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/698,383	11/03/2003	<del>Chang-Kyung KIM</del> Chan-Kyung KIM	SEC.1052	2722

TITLE OF INVENTION:

DELAYED TAP SIGNAL GENERATING CIRCUIT FOR CONTROLLING DELAY BY INTERPOLATING  
TWO INPUT CLOCKS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	08/08/2005
EXAMINER	ART UNIT	CLASS-SUBCLASS			
NGUYEN, MINH T.	2816	327-270000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Volentine Francos & Whitt, pllc  
2  
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Samsung Electronics Co., Ltd.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Suwon-si, Gyeonggi-do, Republic of Korea

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☒ Advance Order - # of Copies 4

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- ☒ A check in the amount of the fee(s) is enclosed.
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- ☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

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Authorized Signature

Date 01 August 2005

Typed or printed name Kenneth D. Springer

Registration No. 39.843

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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<b>TRANSMITTAL OF PAYMENT OF ISSUE FEE (Large Entity)</b> <div style="text-align: center;">  </div>	Docket No. <b>SEC.1052</b>
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Applicant(s): Chan-Kyung KIM

Application No. <b>10/698,383</b>	Filing Date <b>03 November 2003</b>	Examiner <b>NGUYEN, Minh T.</b>	Customer No. <b>20987</b>	Group Art Unit <b>2816</b>	Confirmation No. <b>2722</b>
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Invention: **DELAYED TAP SIGNAL GENERATING CIRCUIT FOR CONTROLLING DELAY BY INTERPOLATING TWO INPUT CLOCKS**

**Mail Stop Issue Fee**  
**COMMISSIONER FOR PATENTS**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

Transmitted herewith are the following for the above-identified application.

- ☒ Issue Fee Transmittal Form PTOL-85
- ☒ Utility Fee:     \$ 1400.00        ☐ Design Fee: \_\_\_\_\_    ☐ Plant Fee: \_\_\_\_\_
- ☒ Publication Fee:     \$ 300.00
- ☒ A check in the amount of     \$1,712.00     is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No.                     50-0238                     as described below.
  - ☐ Charge the amount of
  - ☒ Credit any overpayment.
  - ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

  
*Signature*

Dated: **01 August 2005**

**KENNETH D. SPRINGER**  
 Reg. No. 39,843  
 Volentine Francos & Whitt, P.L.L.C.  
 One Freedom Square  
 11951 Freedom Drive, Suite 1260  
 Reston, VA 20190  
 Tel. No. 571-283-0720

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Typed or Printed Name of Person Mailing Correspondence